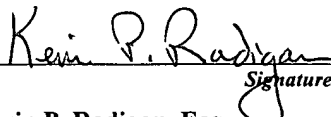
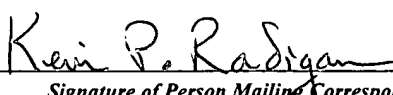
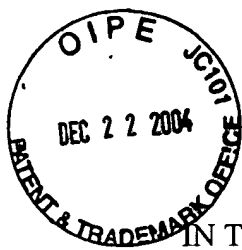


<b>AMENDMENT TRANSMITTAL LETTER (Large Entity)</b> Applicant(s): Barowski et al.					Docket No. <b>DE920000006US1</b>	
Application No. 09/864,590	Filing Date 05/24/2001	Examiner Shane F. Gerstl	Customer No. 46369	Group Art Unit 2183	Confirmation No. 2120	
Invention: <b>UNIVERSAL LOAD ADDRESS/VALUE PREDICTION USING STRIDE-BASED PATTERN HISTORY AND LAST-VALUE PREDICTION IN A TWO-LEVEL TABLE SCHEME (As Amended)</b>						
<b>COMMISSIONER FOR PATENTS:</b>  Transmitted herewith is an amendment in the above-identified application. The fee has been calculated and is transmitted as shown below.						
<b>CLAIMS AS AMENDED</b>						
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE	
TOTAL CLAIMS	9 -	20 =	0 x	\$200.00	\$0.00	
INDEP. CLAIMS	2 -	3 =	0 x	\$50.00	\$0.00	
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00	
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$0.00	
<input checked="" type="checkbox"/> No additional fee is required for amendment. <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____ <input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed. <input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account <b>09-0463 (IBM)</b> <input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16. <input checked="" type="checkbox"/> Any patent application processing fees under 37 CFR 1.17. <input type="checkbox"/> Payment by credit card. Form PTO-2038.  <b>WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</b>						
 Kevin P. Radigan, Esq. Registration No.: 31,789  <b>HESLIN ROTHENBERG FARLEY &amp; MESITI, P.C.</b> 5 Columbia Circle Albany, New York 12203 Tel: (518) 452-5600 Fax: (518) 452-5579			Dated: <b>December 17, 2004</b>  <div style="border: 1px solid black; padding: 5px;">         I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on  <b>December 17, 2004</b>          (Date)             Signature of Person Mailing Correspondence   <b>Kevin P. Radigan</b>          Typed or Printed Name of Person Mailing Correspondence       </div>			
CC:						



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**BOX AF**

**RESPONSE UNDER 37 C.F.R. 1.116**  
**EXPEDITED PROCEDURE**  
**EXAMINING GROUP 2183**

*AF/2183*  
*TFW*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Barowski et al.

Confirmation No.: 2120

Serial No.: 09/864,590

Group Art Unit: 2183

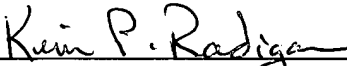
Filed: 05/24/2001

Examiner: Gerstl, Shane F.

Title: UNIVERSAL LOAD ADDRESS/VALUE PREDICTION USING STRIDE-BASED PATTERN HISTORY AND LAST-VALUE PREDICTION IN A TWO-LEVEL TABLE SCHEME (as amended)

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to: Mail Stop AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on December 17, 2004

  
Kevin P. Radigan, Esq.  
Attorney for Applicants  
Registration No. 31,789

Date of Signature: December 17, 2004

To: Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Response to Final Office Action

Dear Sir:

This paper is filed responsive to the final Office Action mailed October 19, 2004, in connection with the above-designated U.S. Patent Application. Since this response is filed within two months of the date of that Office Action, consideration of the Amendments presented is requested prior to January 19, 2005. Entrance of this Amendment as placing the application in better condition for Appeal is respectfully requested.

**Amendments to the Claims** begin on page 2 of this paper.

**Remarks** begin on page 6 of this paper.